

**BALLAST WATER TREATMENT METHOD AND
BALLAST WATER TREATMENT SYSTEM**

ABSTRACT

5 A ballast water treatment system is provided that can
kill microorganisms and bacteria or the like included in
magnetic flocs so as to eliminate an impact on the
environment and human bodies. The ballast water treatment
system includes a coagulation section for agitating
10 magnetic powder and coagulant added to ballast water to
generate magnetic flocs; and a magnetic separation section
for collecting the magnetic flocs generated by the
coagulation section. The ballast water treatment system is
characterized in having a pipe path to which the magnetic
15 flocs are taken and a heating section for heating the pipe
path. The heating section may be provided as a tank
and the pipe path may be immersed in the tank.

(Figure 2)